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#### (54) IMAGING APPARATUS AND CAMERA **SYSTEM**

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#### (57)**ABSTRACT**

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An imaging apparatus includes an image sensor configured to capture an object image formed through an imaging optical system, an image stabilization unit configured to move the image sensor on a plane orthogonal to an optical axis in the imaging optical system, and a controller configured to control a movement by the image stabilization unit, and to determine a moving center in the image plane image stabilization unit based on information on the imaging optical system in an electronic preview mode used to observe an image signal about the object image based on an output from the image sensor.



